

CLAIMS

1. A communication system comprising a communication terminal for transmitting a request for establishing communication, and a server for handling the request, said server being adapted to respond to a communication establishment failure situation by
5 returning a failure response including rerouting details, wherein the communication terminal is adapted to receive such a failure response including rerouting details, and to forward data according to the received rerouting details.
2. A communication system according to claim 1, wherein the failure response has rerouting details including a detailed URL (Uniform Resource Locator) and the com-
10 munication terminal has means for receiving the failure response including the detailed URL (Uniform Resource Locator) to another messaging system and for forwarding data to the other messaging system according to the detailed URL.
3. A communication system according to claim 1, wherein the failure response has rerouting details including a phone number of a requested receiver and the communi-
15 cation terminal has means for receiving the failure response including the phone number of the requested receiver and for forwarding data to the received phone number through short message service centre by a short message service or a multimedia mes-
saging service.
4. A communication system according to claim 1, wherein the failure response has rerouting details including an electronic mail address and the communication terminal
20 has means for receiving the failure response including the electronic mail address, and for forwarding data according to the electronic mail address.
5. A communication system according to claim 1, wherein the communication terminal further comprises means for confirming the forwarding of data according to
25 the received rerouting details.
6. A communication system according to claim 1, wherein the server comprises means for fetching rerouting details including an alternative contact information of the requested recipient from a data storage storing alternative contact information of users, means for adding the rerouting details to the failure response, and as a response
30 to inability to establish the requested communication, means for returning to the sender of the request the failure response including rerouting details.

7. A method for establishing a communication, comprising steps of:
- transmitting a request for establishing a communication by a communication terminal,
 - handling the request by a server,
 - 5 - as a response to inability to establish the requested communication, returning a failure response including rerouting details by the server,
 - receiving by the communication terminal the failure response, including rerouting details, and
 - forwarding by the communication terminal data according to the received rerouting details.
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8. A method according to claim 7, wherein the request for establishing a communication is a SIP (Session Initiation Protocol) message.
9. A method according to claim 7, wherein the rerouting details include a phone number, according to which data is forwarded to the short message service centre by the communication terminal.
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10. A method according to claim 7, wherein the rerouting details include a detailed Uniform Resource Locator (URL), according to which data is forwarded to the detailed URL by the communication terminal.
11. A method according to claim 7, wherein the rerouting details include an electronic mail address, according to which data is forwarded to the electronic mail server by the communication terminal.
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12. A method according to claim 7, comprising the step of confirming the forwarding of data according to the received rerouting details in the communication terminal.
13. A method according to claim 7, wherein handling the request by the server comprises fetching the rerouting details including an alternative contact information of a requested recipient from a data storage storing alternative contact information of users, adding rerouting details to the failure response and returning the failure re-
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sponse including rerouting details as a response to inability to establish the requested communication.

14. A communication terminal for transmitting messages, comprising

- means for transmitting a request for establishing a communication,
- 5 - means for receiving a failure response having rerouting details including an alternative contact information as a response to inability to establish the requested communication,
- means for displaying the alternative contact information and means for confirming forwarding of data according to the received rerouting details, and
- 10 - means for forwarding data according to the received rerouting details as a response to the confirmation.

15. A computer program product, comprising computer executable code means for performing the steps of:

- transmitting by transmitting means a request for establishing a communication,
- 15 - as a response to inability to establish the requested communication, receiving by receiving means a failure response having rerouting details including an alternative contact information,
- displaying by display means the alternative contact information,
- requesting by the display means confirmation for forwarding of data according to the received rerouting details, and
- 20 - as a response to the confirmation, forwarding data according to the received rerouting details by transmitting means,

when said product is executed on a computer.

16. A server for handling request-response based communication, comprising
25 means for fetching rerouting details including an alternative contact information of the requested recipient from a data storage storing alternative contact information of users, means for adding the rerouting details to the failure response, and as a response

to inability to establish the requested communication, means for returning to the sender of the request the failure response including rerouting details.

17. A computer program product, comprising computer executable code means for performing the steps of:

- 5 - fetching rerouting details including an alternative contact information of the requested recipient from a data storage storing alternative contact information of users,
- adding the rerouting details to the failure response, and
- as a response to inability to establish the requested communication, returning to
- 10 the sender of the request the failure response including rerouting details.